

PATENT

The Eclipse Group Docket No. HI02001USU1 (P01018USU1)

TO THE CLAIMS

A. IN THE CLAIMS

Please amend the claims as follows:

1. (Canceled)

2. (Canceled)

3. (Currently Amended) A mounting mechanism for mounting a housing to a structure, comprising:

a shaft for coupling the mounting mechanism to the housing; and

an arm member movably coupled to the shaft and adjustable generally along a mounting direction, the arm member pivotally coupled to the mounting mechanism for rotation about an axis generally orthogonal to the mounting direction, the arm member pivotally rotatable independent of any movement of the shaft.

4. (Previously presented) The mounting mechanism of claim 3 comprising an interface section, where the arm member is pivotally coupled to the interface section, and the interface section is movably coupled to the shaft and adjustable generally along the mounting direction.

5. (Previously presented) The mounting mechanism of claim 4 where the shaft threadedly engages the interface section and a position of the arm member and interface section is adjustable generally along the mounting direction through rotation of the shaft.

6. (Previously presented) The mounting mechanism of claim 4 where the interface section has a bore and the shaft is disposed in the bore.

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7. (Previously presented) The mounting mechanism of claim 6 where the shaft movably engages the bore for adjusting a position of the mounting mechanism relative to the housing.

8. (Previously presented) The mounting mechanism of claim 4 where the arm member comprises a base section and the interface section is disposed in the base section.

9. (Previously presented) The mounting mechanism of claim 4 comprising a spring mechanism interconnecting the arm member and the interface section for biasing the arm member into engagement with the structure.

10. (Previously presented) The mounting mechanism of claim 3 comprising a spring mechanism contacting the arm member for biasing the arm member into engagement with the structure.

11. (Previously presented) The mounting mechanism of claim 3 where the arm member comprises an attachment edge for engaging the structure.

12. (Previously presented) The mounting mechanism of claim 11 where the attachment edge comprises a toothed surface.

13. (Currently Amended) A mounting mechanism for mounting a housing to a structure, comprising:

a shaft for coupling the mounting mechanism to the housing;

a pivotal arm member for engaging the structure, the arm member coupled to the shaft whereby the arm member is pivotally rotatable independent of any movement of the shaft; and

a spring mechanism contacting the arm member for biasing the arm member into engagement with the structure.

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14. (Previously presented) The mounting mechanism of claim 13 where the arm member is movably coupled to the shaft for adjusting a position of the arm member relative to the housing.

15. (Previously presented) The mounting mechanism of claim 13 comprising an interface section for coupling the arm member to the shaft.

16. (Previously presented) The mounting mechanism of claim 15 where the shaft is movably coupled to the interface section for adjusting a position of the mounting mechanism relative to the housing.

17. (Previously presented) The mounting mechanism of claim 16 where the shaft threadedly engages the interface section and the position of the mounting mechanism is adjustable through rotation of the shaft.

18. (Previously presented) The mounting mechanism of claim 15 where the interface section has a bore and the shaft is disposed in the bore.

19. (Previously presented) The mounting mechanism of claim 18 where the shaft movably engages the bore for adjusting a position of the mounting mechanism relative to the housing.

20. (Previously presented) The mounting mechanism of claim 13 where the arm member comprises a base section and the interface section is disposed in the base section.

21. (Previously presented) The mounting mechanism of claim 13 where the arm member comprises an attachment edge for engaging the structure.

22. (Previously presented) The mounting mechanism of claim 21 where the attachment edge comprises a toothed surface.

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23. (Currently Amended) A mounting assembly for mounting in an opening of a structure, comprising:

a housing adapted for insertion into the opening along a mounting direction;
a mounting mechanism coupled to the housing and including an arm member pivotal between a first position and a second position, where at the first position the arm member enables insertion of the housing in the opening, and at the second position the arm member extends generally away from the housing into engagement with a surface of the structure defining the opening;

a spring mechanism connected to the arm member for biasing the arm member toward the second position; and

a shaft interconnecting the mounting mechanism and the housing, whereby the arm member of the mounting mechanism is pivotal between the first position and the second position independent of any movement of the shaft.

24. (Previously presented) The mounting assembly of claim 23 where the housing is part of a loudspeaker.

25. (Previously presented) The mounting assembly of claim 23 where the mounting mechanism is movably coupled to the shaft for adjusting a position of the arm member relative to the housing along the mounting direction.

26. (Previously presented) The mounting assembly of claim 25 where the mounting mechanism comprises an interface section movably coupled to the shaft and the arm member is pivotally coupled to the interface section.

27. (Withdrawn) A method for mounting a housing assembly to a structure including a side edge defining an opening, the method comprising:

providing the housing assembly with a housing and an arm member coupled to the housing, the arm member movable between an open position at which the arm member

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extends generally away from the housing beyond the side edge and a closed position at which the arm member is retracted generally toward the housing;

inserting the housing assembly into the opening, where the arm member contacts the side edge and moves toward the closed position; and

continuing to insert the housing assembly into the opening until the arm member clears the side edge and moves toward the open position, where at least a portion of the arm member is disposed adjacent to a back side of the structure to prevent removal of the housing assembly from the opening while the arm member is in the open position.

28. (Withdrawn) The method of claim 27 where the housing assembly is part of a loudspeaker assembly.

29. (Withdrawn) The method of claim 27 where inserting the housing comprises inserting along a mounting direction, and movement of the arm member between the open and closed positions translates the arm member portion generally along a lateral direction orthogonal to the mounting direction.

30. (Withdrawn) The method of claim 27 where contact of the arm member with the side edge forces the arm member to move toward the closed position in opposition to a biasing force impressed by a spring connected to the arm member, and movement of the arm member toward the open position is assisted by the spring force.

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31. (Withdrawn) The method of claim 27 comprising, after the arm member portion is disposed adjacent to the back side of the structure, adjusting a position of the arm member relative to the housing to cause the arm member portion to abut the back side.

32. (Withdrawn) The method of claim 31 where the arm member is movably coupled to the housing through a shaft, and adjusting the position of the arm member comprises moving the arm member relative to the shaft.

33. (Withdrawn) The method of claim 31 where the arm member is pivotably coupled to an interface section and a threaded shaft is mounted to the housing and mated to threads of the interface section, and adjusting the position of the arm member comprises turning the shaft.